

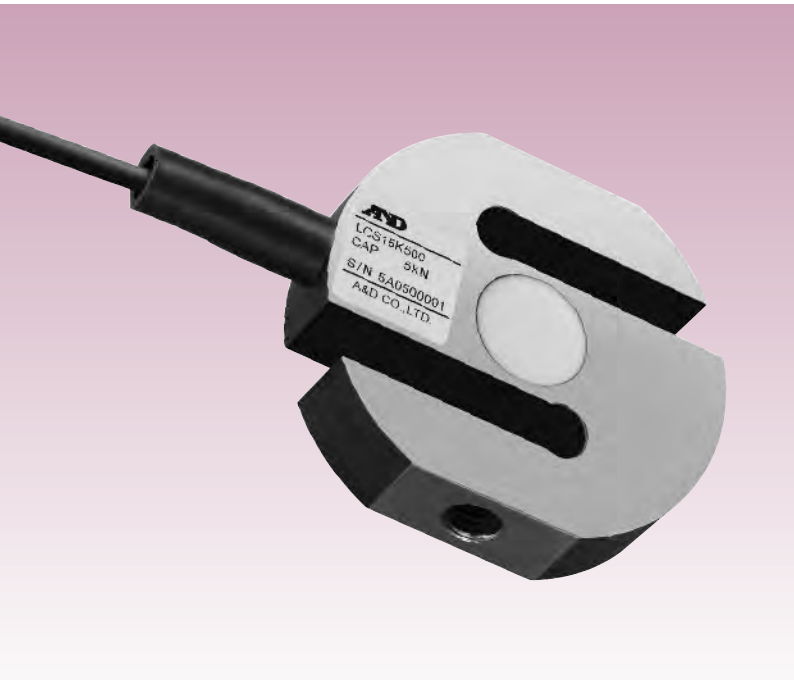
Stainless
Steel

Tension type Load Cell

LCS15 Series

Tension type Stainless Steel Load Cell

탱크 및 호퍼 스케일에 가장 적합합니다. 부식 방지 스테인리스 스틸은 열악한 환경에서 사용하기에 이상적입니다. 구조는 편향 하중에 덜 민감합니다. 압축 측정도 가능합니다.



Models & Capacities

Model No.	Capacity
LCS15K500	500kgf (5kN)
LCS15T001	1tf (10kN)
LCS15T002	2tf (20kN)

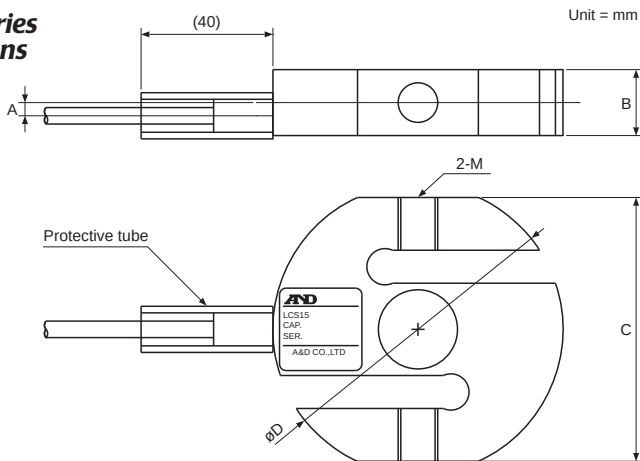
Specifications

Rated output	2mV/V $\pm$ 0.1%
Safe load limit	150% of R.C.
Combined error	0.03% of R.O.
Recommended excitation voltage	DC5 to 12V
Maximum excitation voltage	DC15V
Zero balance	$\pm$ 1% of R.O.
Input terminal resistance	380 $\pm$ 20 Ω
Output terminal resistance	350 $\pm$ 3.5 Ω
Insulation resistance	5000M Ω /DC50V
Compensated temperature range	-10°C to 40°C
Temperature effect on	
Zero balance	0.016% of R.O./10°C
Rated output	0.013% of Load/10°C Typ.
Cable diameter/length	ϕ 5/4.5m
Dustproof/waterproof	IP67

LCS15 Series Dimensions

CABLE COLOR CODE
(Tension)
RED EXC +
WHITE EXC -
GREEN SIG +
BLUE SIG -
YELLOW SHIELD

CABLE COLOR CODE
(Compression)
RED EXC +
WHITE EXC -
GREEN SIG +
BLUE SIG -
YELLOW SHIELD



* When used with stainless steel rod-end bearings, please ensure that the normal operating load is less than 1/2 of the rated capacity of the load cell.

Model No.	A	B	C	ϕ D	M P Depth	Net Weight(kg)
LCS15K500	4	20	80	88	M12 1.75 16	0.8
LCS15T001	4.5	25	80	88	M18 1.5 15	1
LCS15T002	5.5	35	100	108	M24 2 24	2

Unit = mm

A&D

...Clearly a Better Value

Appearance and/or specifications subject to change for improvement without notice.